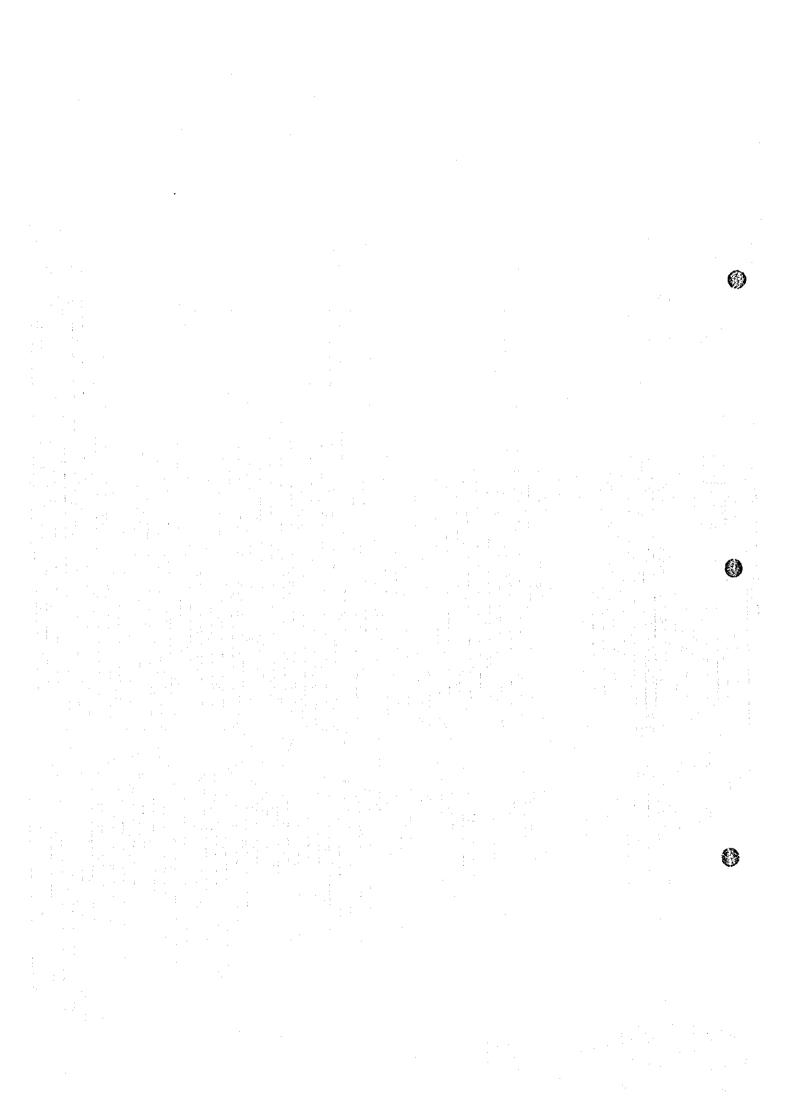
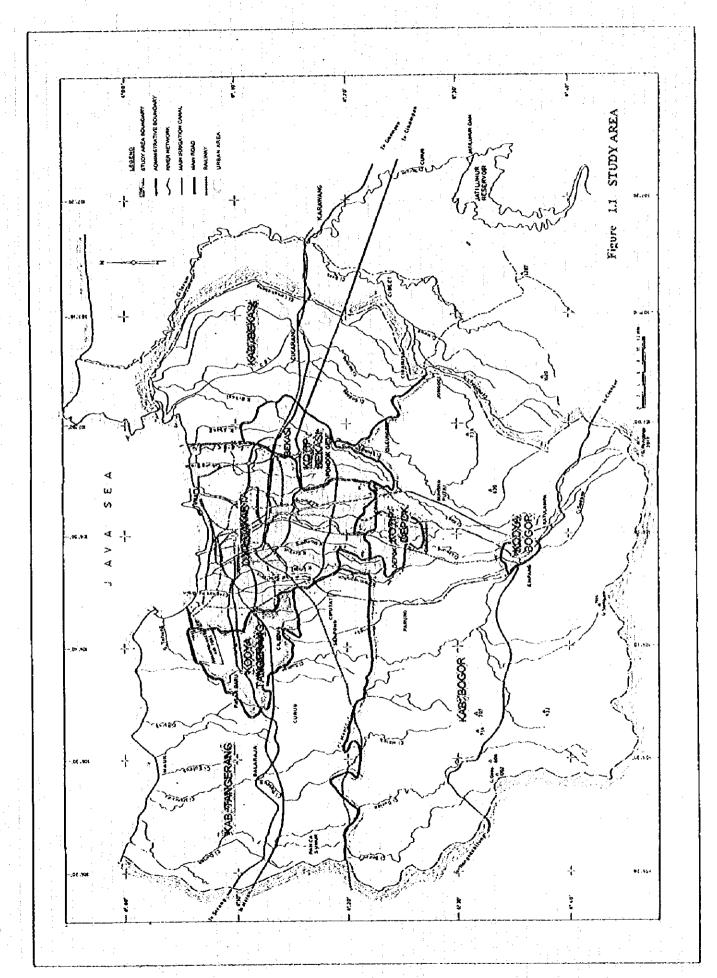
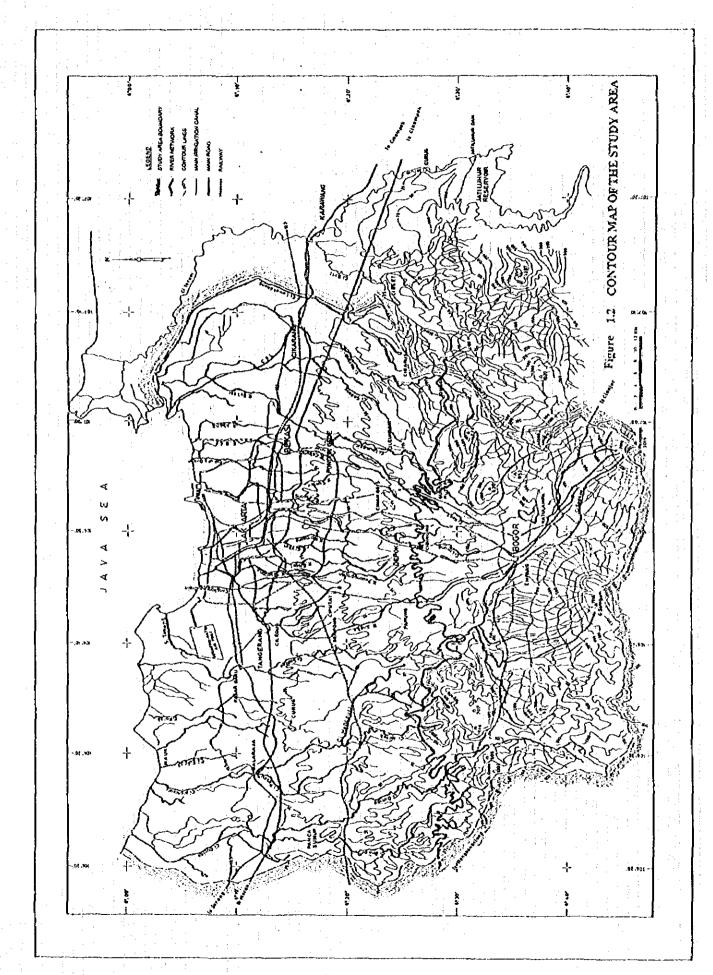
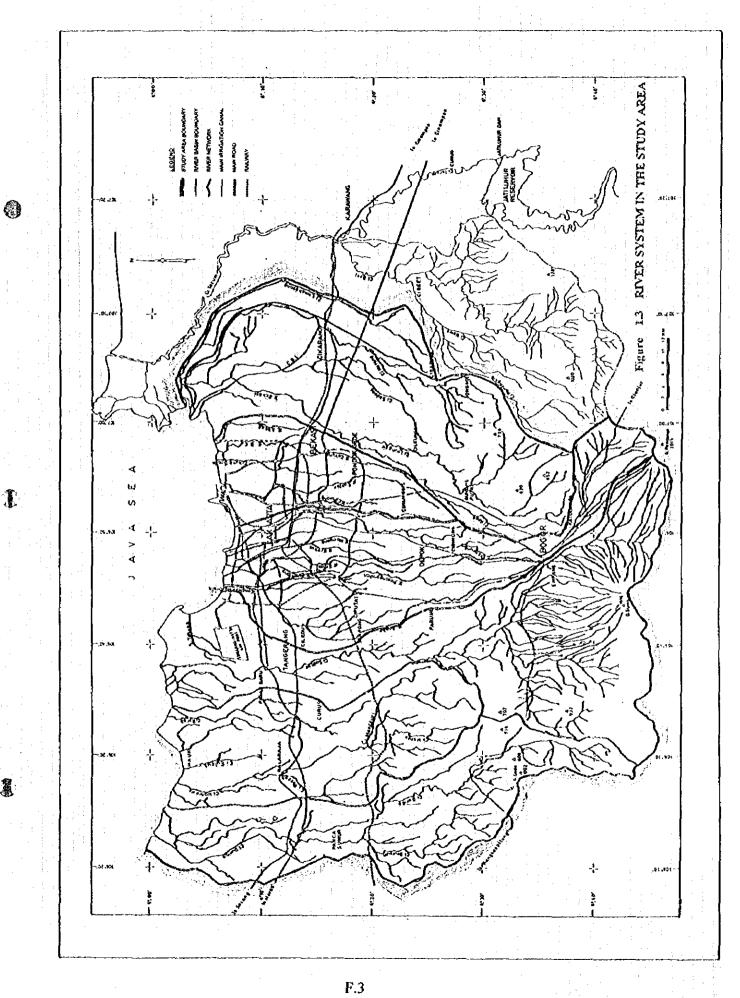
**Figures** 

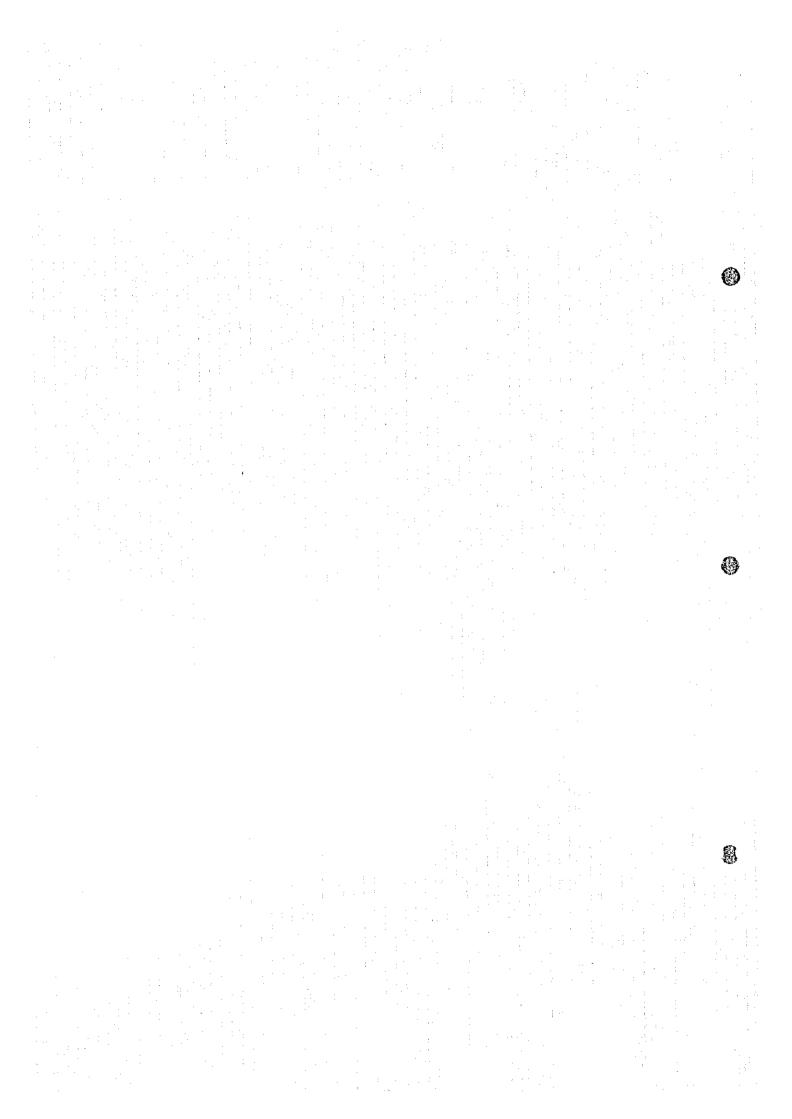


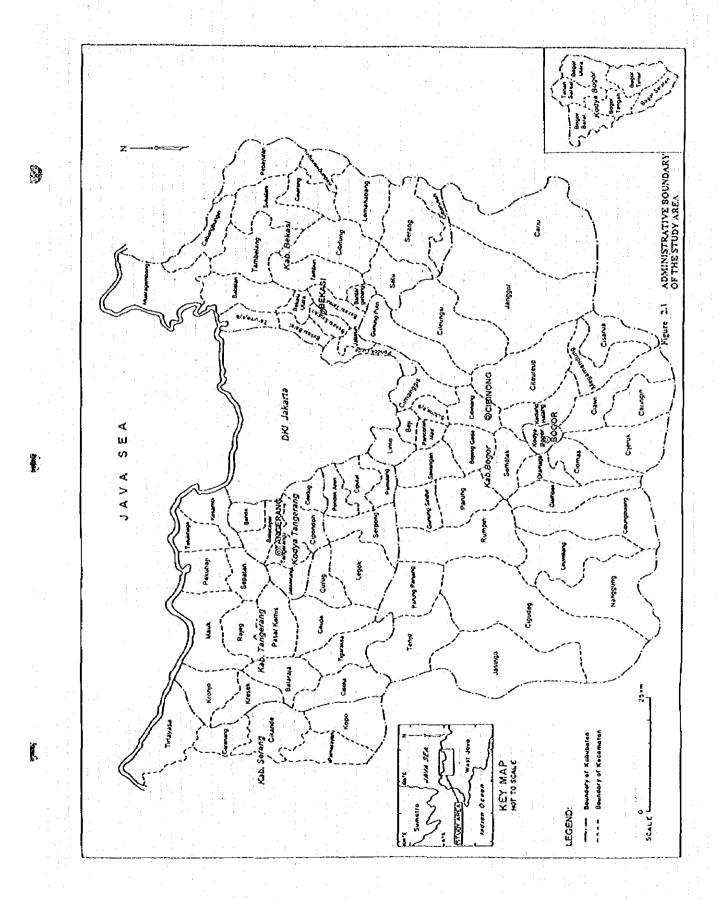




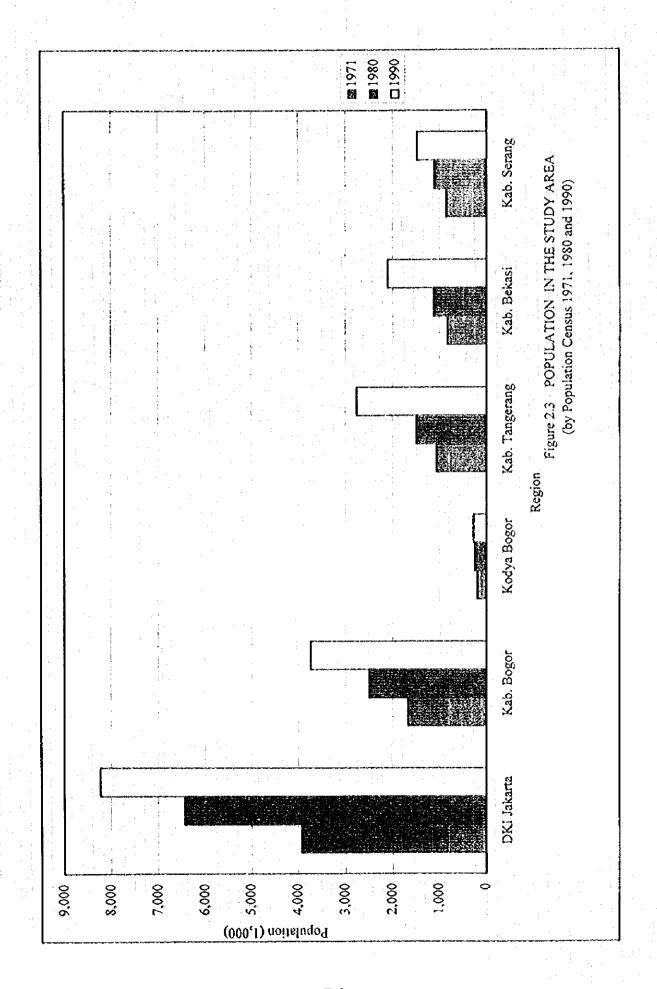
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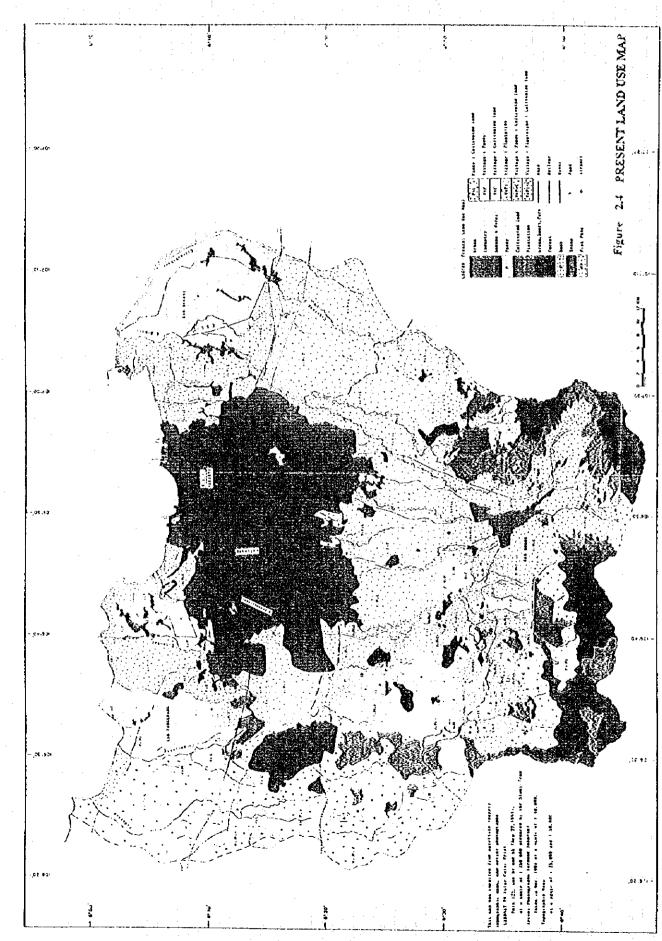






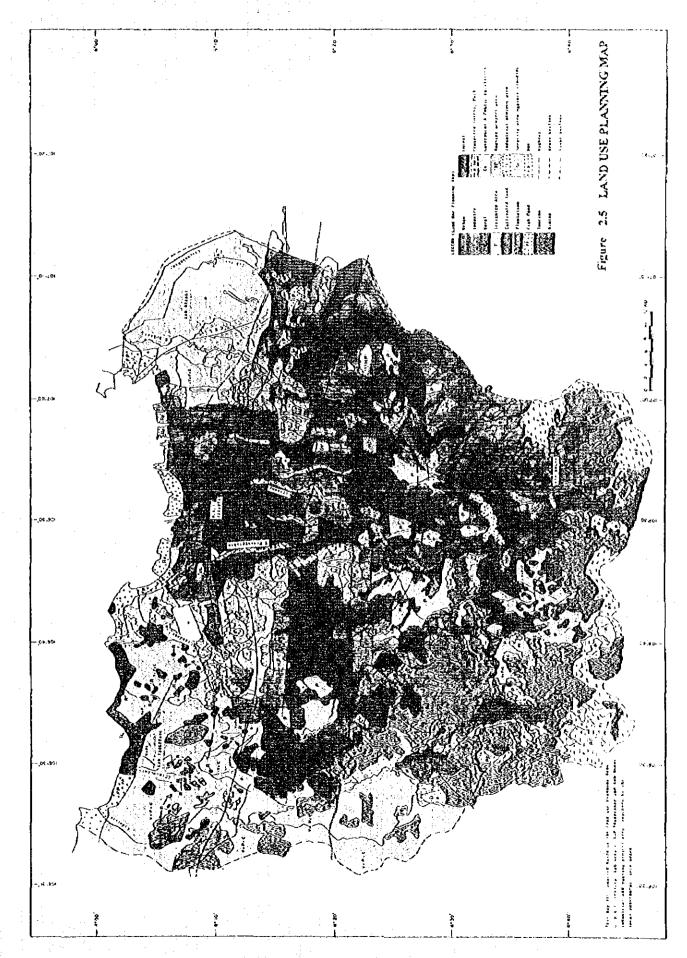


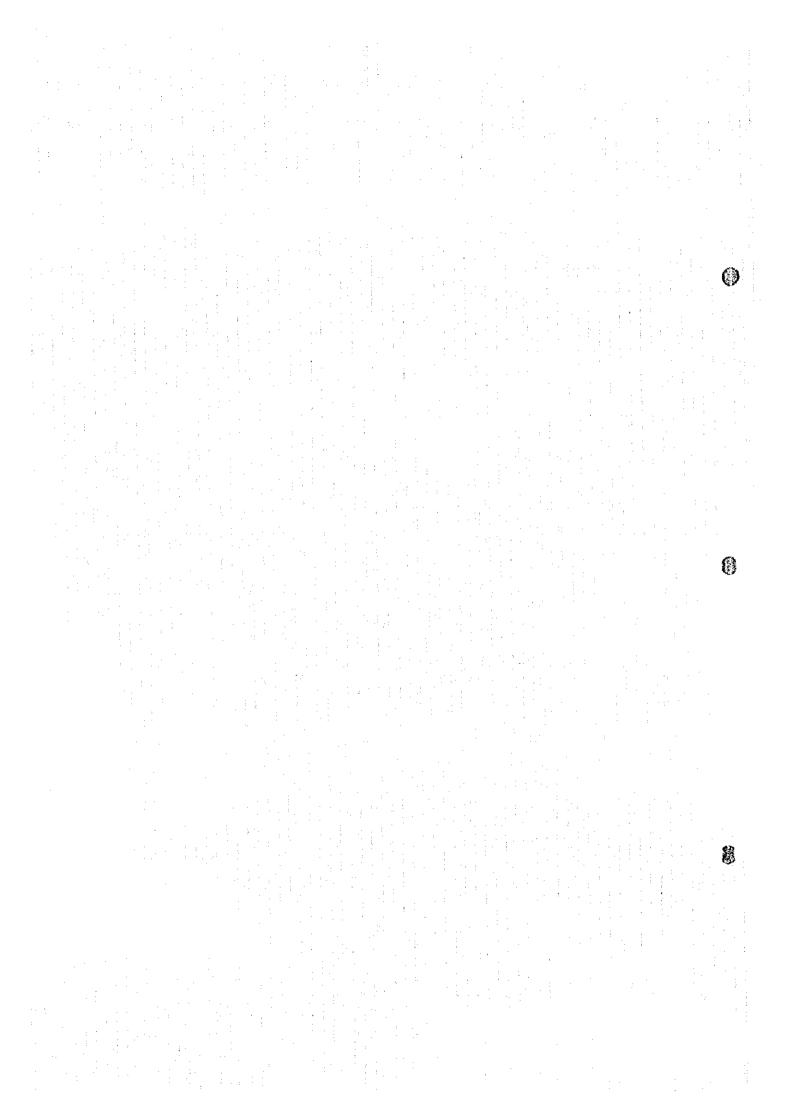


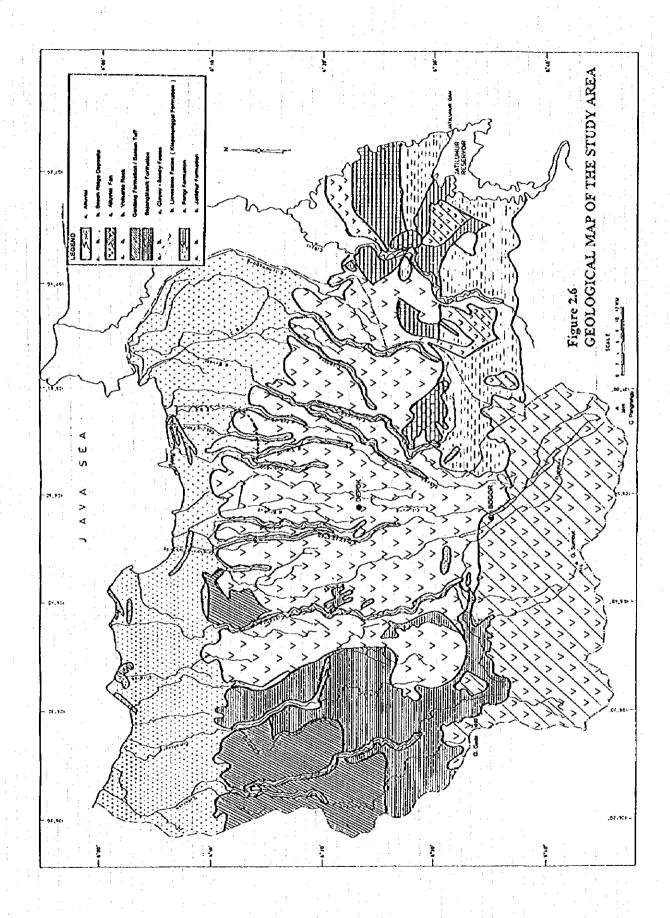


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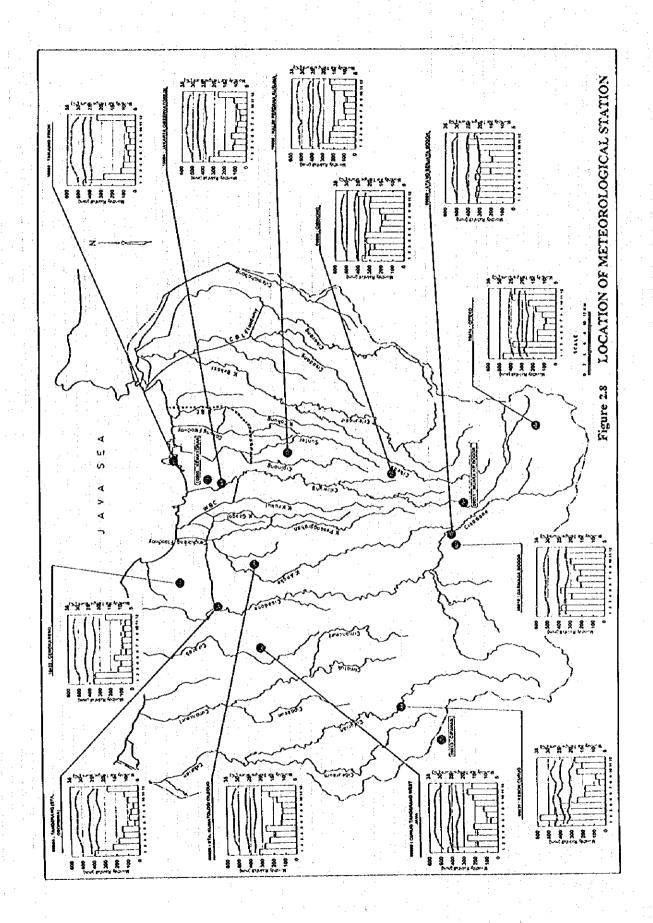




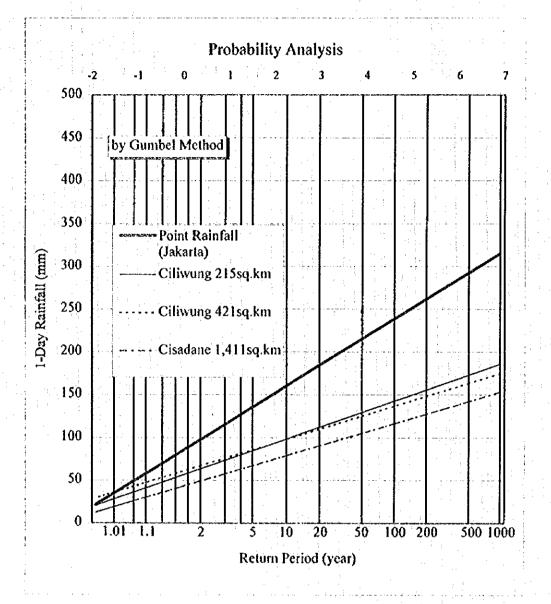
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HOLOCENE ON THOUSE AND	Pebbies, Gravel, Sands, Sirr, Mud and Plant remains.  Coarse Sand, Well Sorted, with mollusc shells.  Bedded Fine tuff, Conglometatic tuff, Interbedded with Sandy tuff and Pumice tuff.  Breccia, Lahar, Pillow laya, Tuffacous breccia interbedded with Fine tuff.	SEDIMENTARY ENVIRONMENT Flunatii Flunatii Terrestic Terrestital to Tidal
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PLEISTOCENE A A COMPANY SUGAMENT AND A COMPANY A	Coarse Sand, Well Sorted, with mollusc shells.  Bedded Fine tuff, Conglometatic tuff, Interbedded with Sandy tuff and Pumice tuff.  Breccia, Lahar, Pillow lava, Tuffacoous breccia interbedded with Fine tuff.	Terrestic Terrestic Terrestrial to Tidal
PLEISTOCENE A A A A A Serpong Formation  PLIOCENE A A A A Serpong Formation  A A A A A A Serpong Formation  A A B A A A A A Serpong Formation  A A B A A A A A A Serpong Formation  A A B A A A A A A A A A A A A A A A A	Bedded Fine tuff, Conglometatic tuff, Interbedded with Sandy tuff and Pumice tuff.  Breccia, Lahar, Pillow lava, Tuffacoous breccia interbedded with Fine tuff.	Terrestic Terrestrial to Tidal
PLICENE A A Serpong Formation A A A A A A A A A A A A A A A A A A A	Brecola, Lahar, Pillow lava, Tuffaceous brecola interbedded with Fine tuff.	Terrestral to Tidal
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A A A A Serpong Formation A Para A Para A A	Tuff ( glass, lithic, crystal ) Pumice tuff, Pumiceous breccla and Tuffaceous sandstone	
). ).	Alternating Conglomerate, Sandstone, Siltstone, Claystone with Plant material, Pumice conglomerate, Pumice tuff.	Fluviatile ( Braided old river )
Tx Genteng Formation	Pumice tuff, Tuffaceous, sandstone, Andestre breccia Conglomerate, Pebble sandstone	Litoral to Terrestic
UNCONFORMITY ~~	YILL II III CARACOLI O. I BIIRACCOU CAPACOLI II III III III III CARACOLI II III III III III CARACOLI II III III III III III III III III I	
A 1 Smooth Street All Street S	intrudes the polongmanns, respectungger and variation of trinstone in the lower part.  Attenuation of Sandstone and Tuff, in the upper post, in some places Lignite, intecalation were found.  Reef Limestone.	Shallow nertic to Brackish water
EARLY (Eastern Part)	Mart and Claystone with a Calcareous sendstone intercalation.	
Treat Renggaris Formation Fine o	Fine course Sandstone, Conglomerate and Claystone.	Marine
OLIGOCENE		· · · · · · · · · · · · · · · · · · ·

Figure 2.7 LOCAL STRATIGRAPHIC LOG

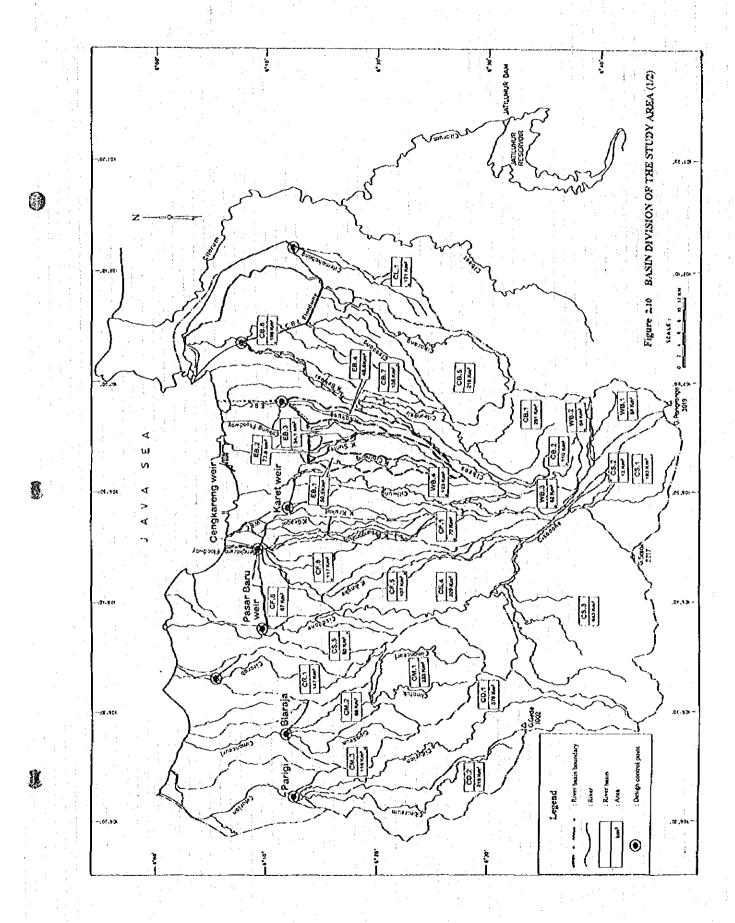


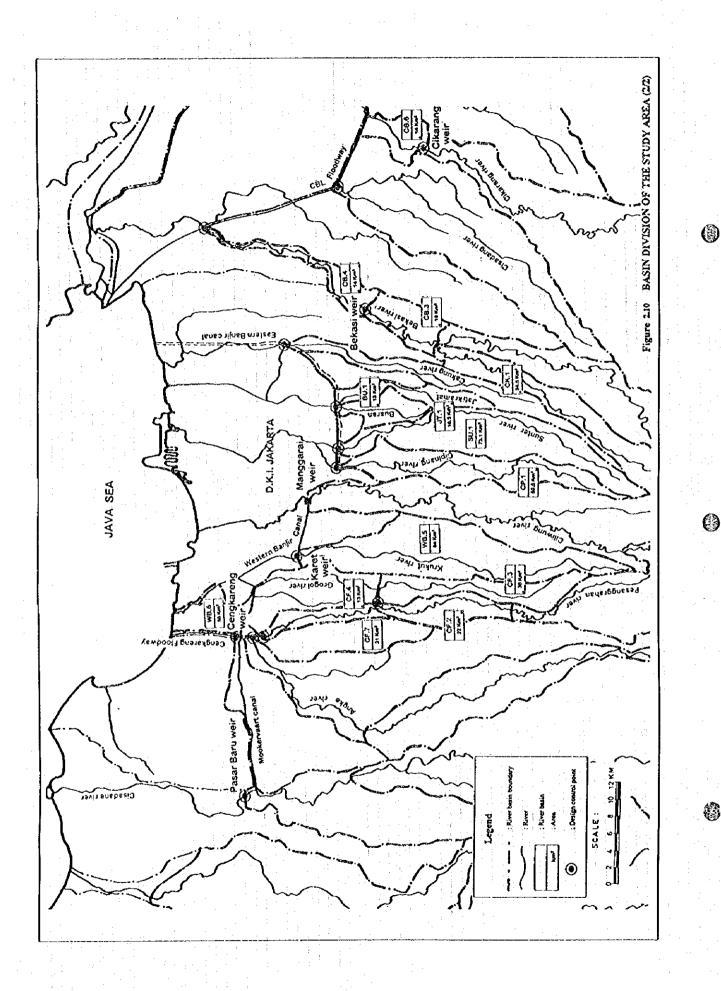
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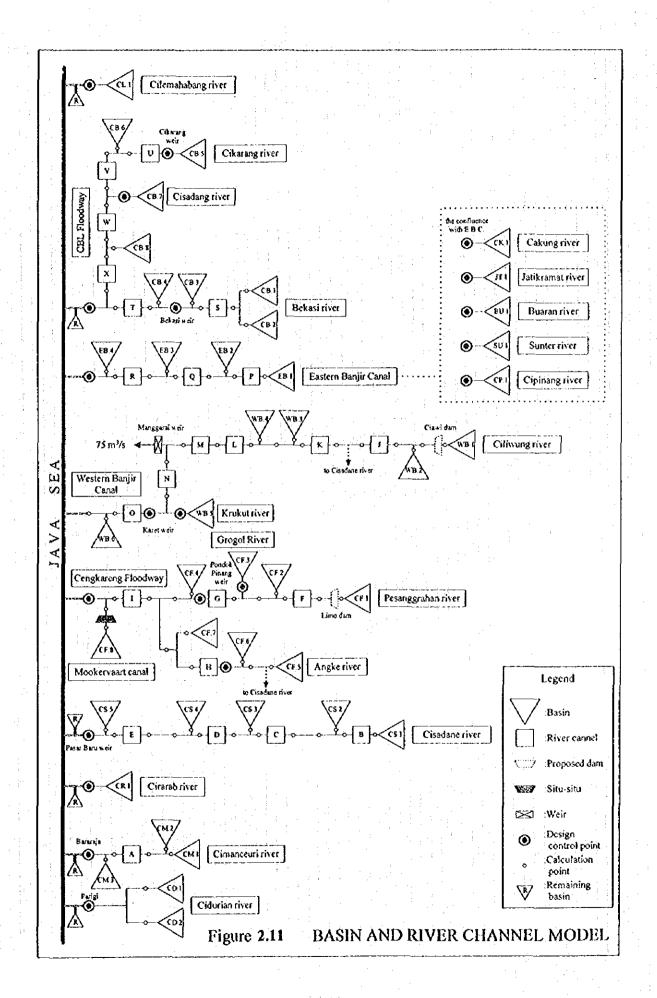


Return	Jakarta	Ciliwung	Ciliwung	Cisadane
Period	Point Rainfall	A=215 km <sup>2</sup>	Λ=421 km <sup>2</sup>	A=1,411 km <sup>2</sup>
(year)	(mm)	(mm)	(mm)	(mm)
1000	315.2	185.6	174.7	153.1
500	292.1	172.7	163.3	142.0
250	269.1	159.7	151.9	131.0
200	261.6	155.5	148.2	127.5
100	238.5	142.5	136.8	116.4
50	215.3	129.4	125.3	105.3
30	198.1	119.8	116.7	97.1
25	191.9	116.3	113.7	94.1
20	184.3	112.0	109.9	90.5
10	160.3	98.6	98.1	79.0
5	135.4	84.5	85.7	67.1
2	97.7	63.3	67.1	49.1

Figure 2.9 PROBABLE DAILY RAINFALL







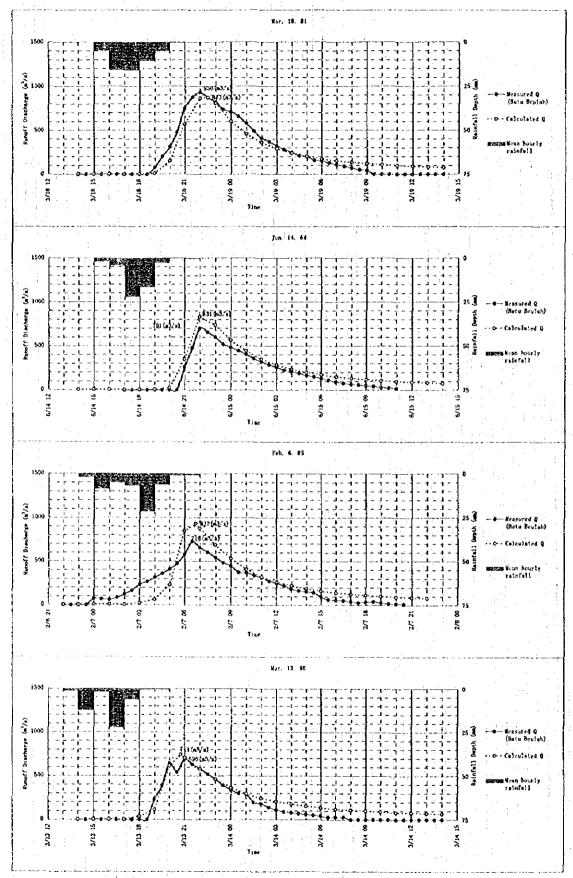
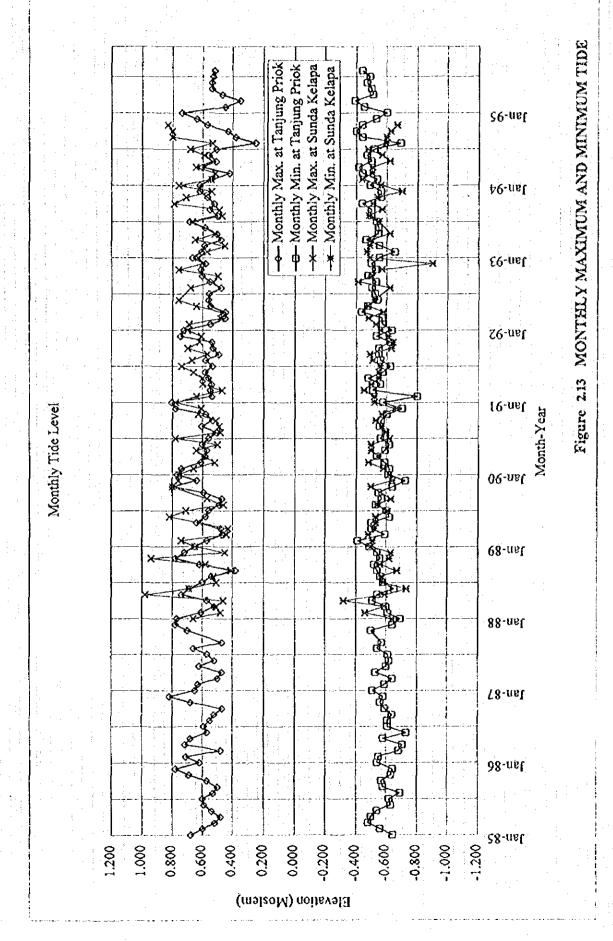
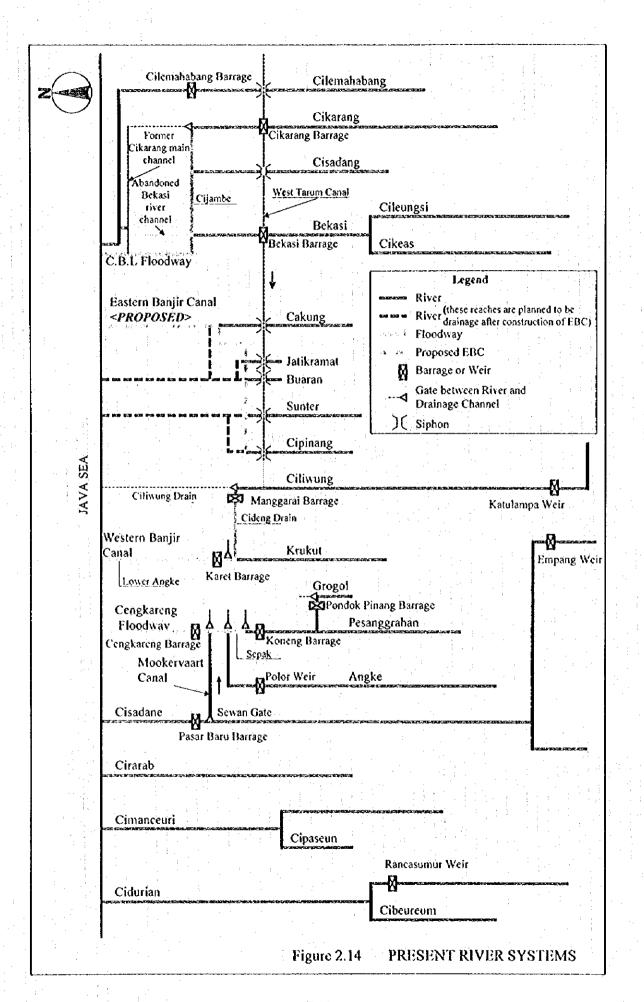
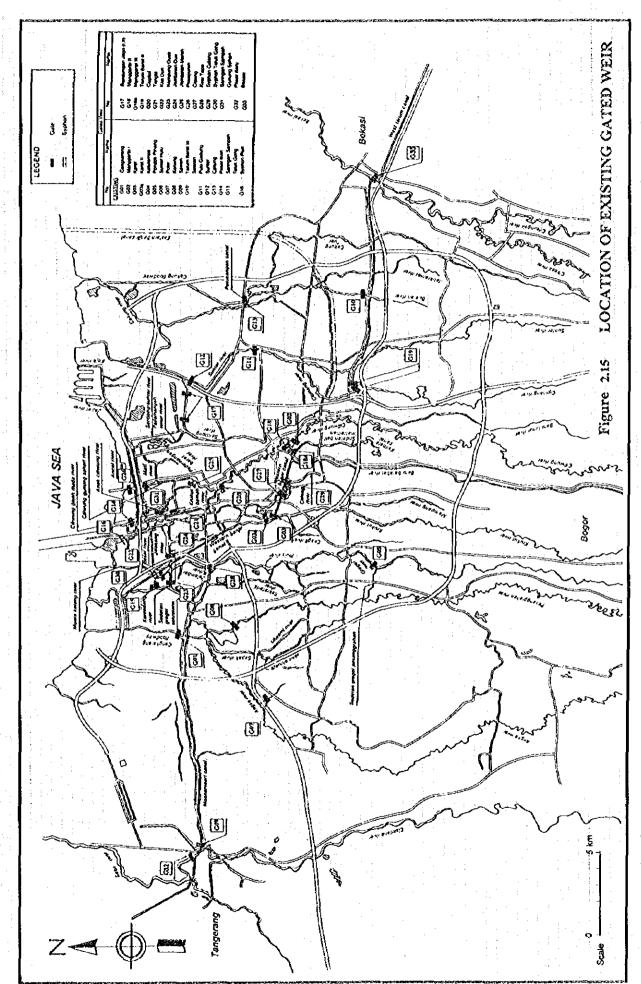
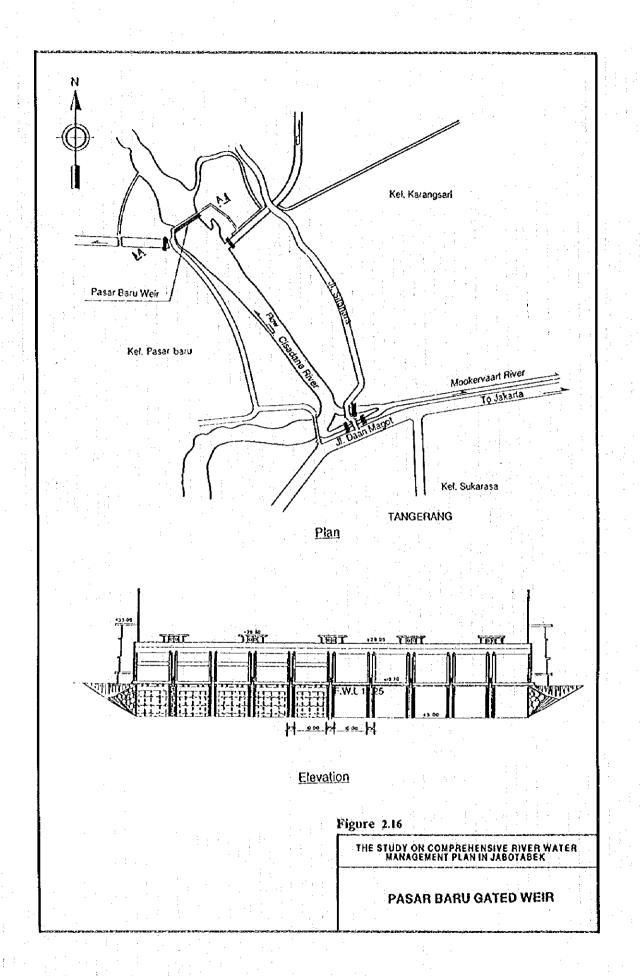


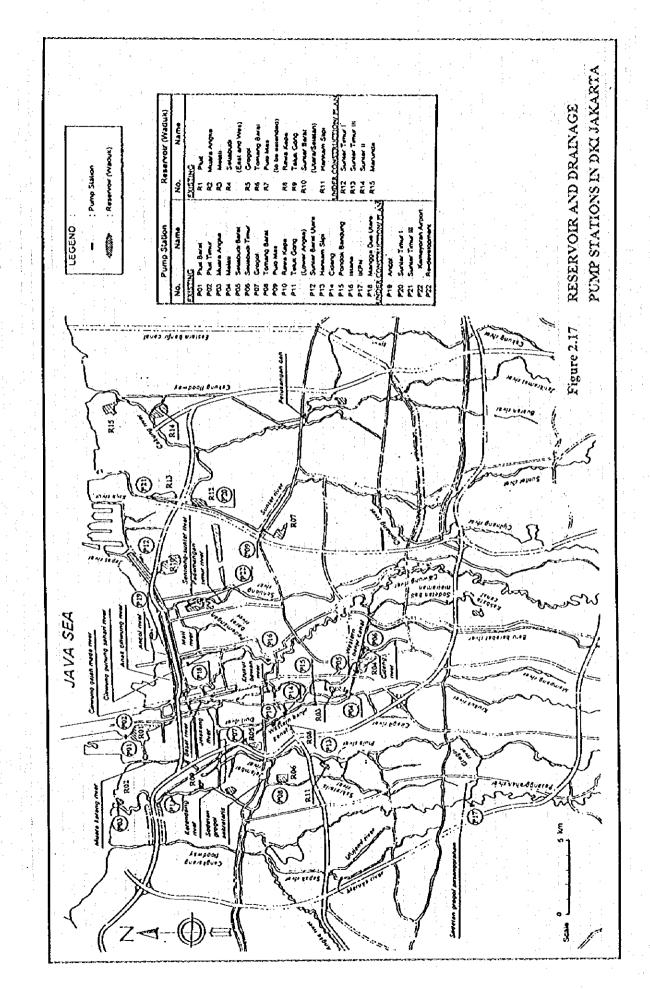
Figure 2.12 OBSERVED AND SIMULATED HYDROGRAPH

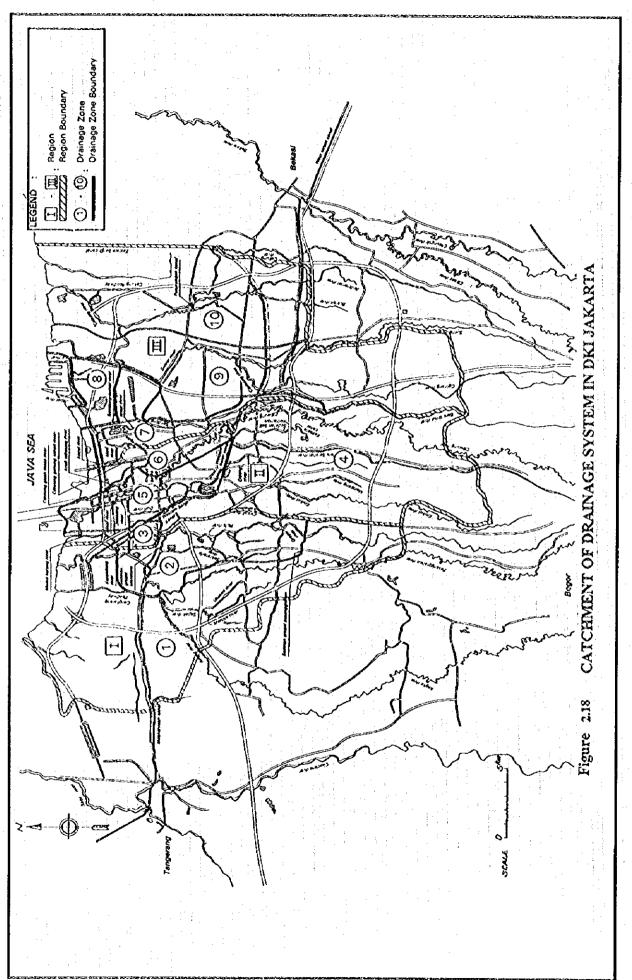


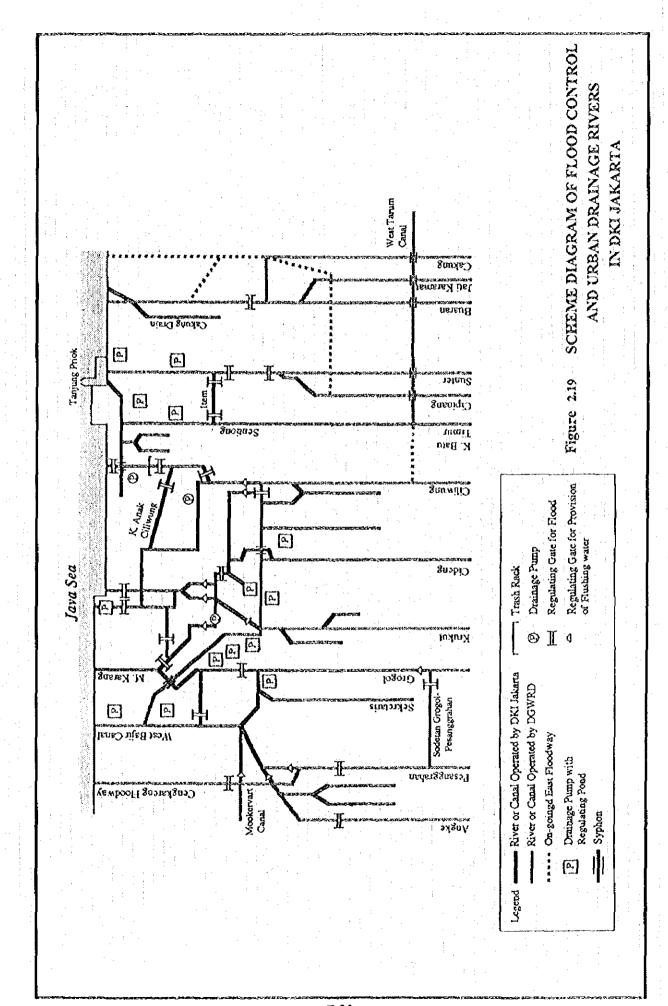






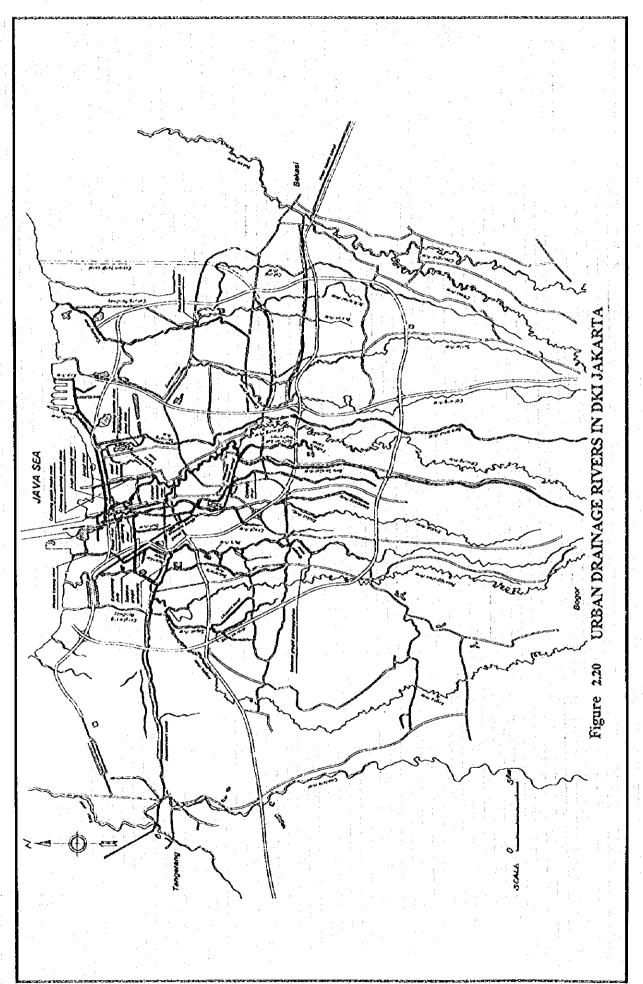


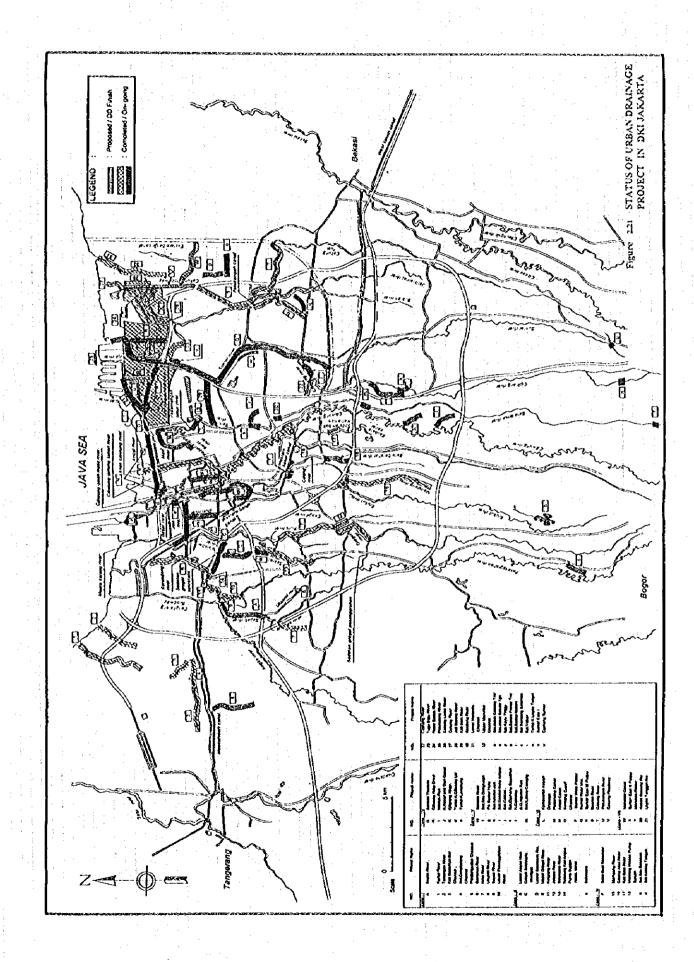




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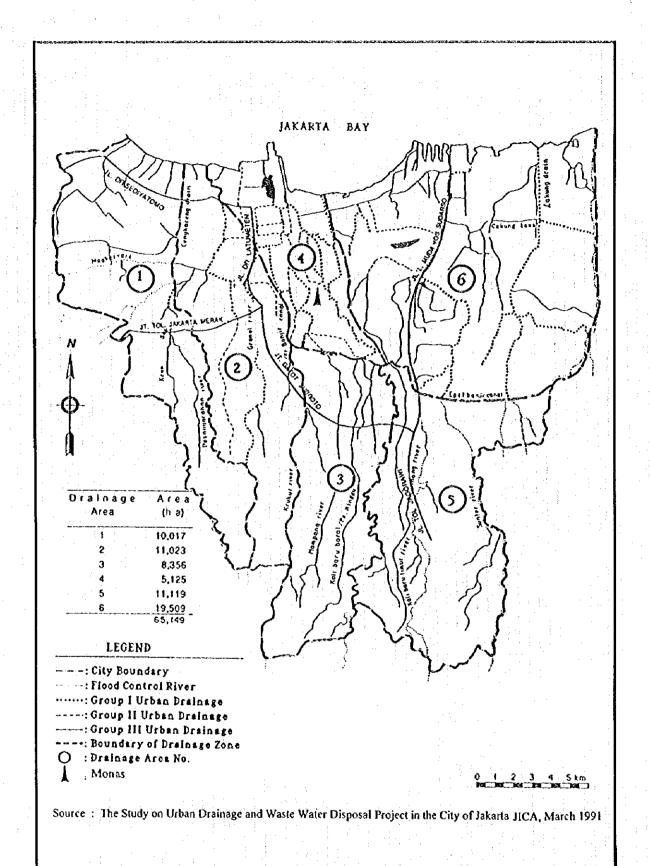
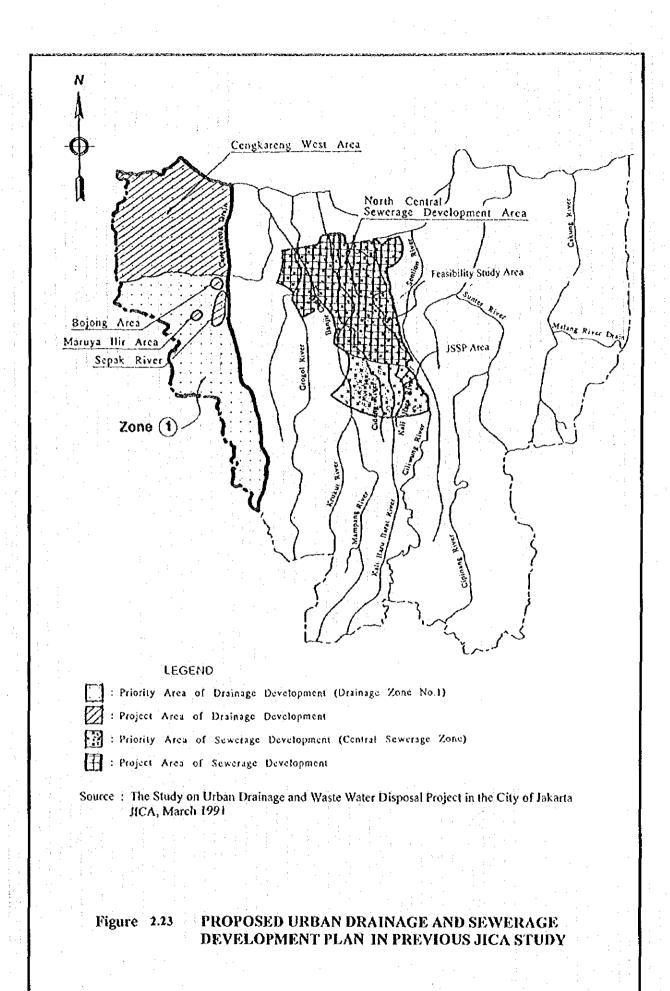


Figure 2.22 DIVIDED DRAINAGE ZONE IN DKI JAKARTA (PREVIOUS JICA STUDY)



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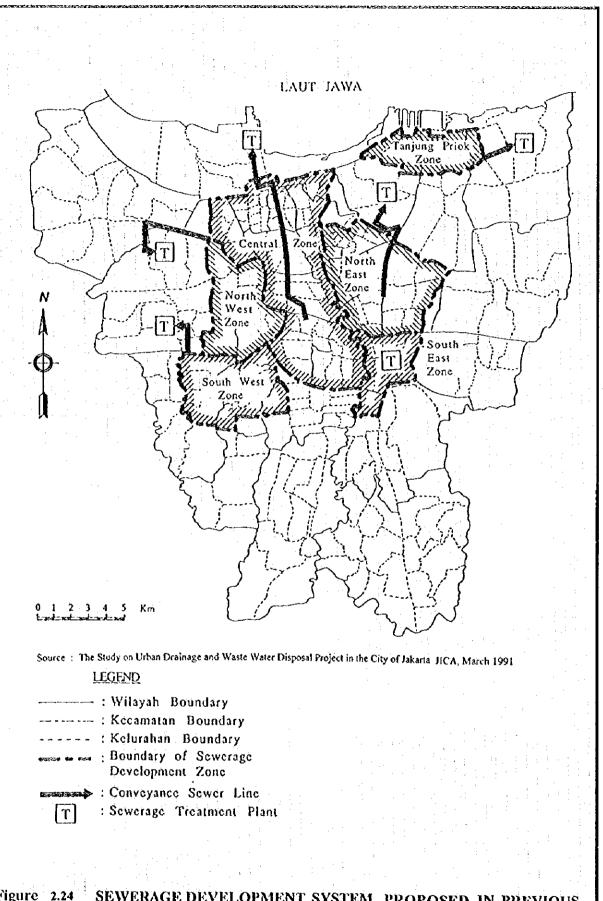
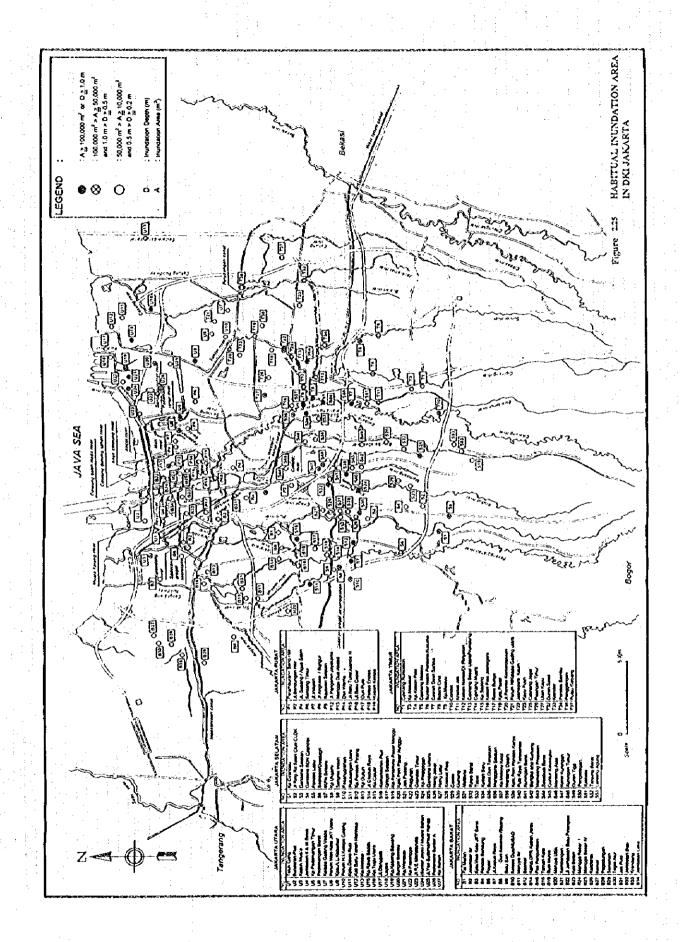
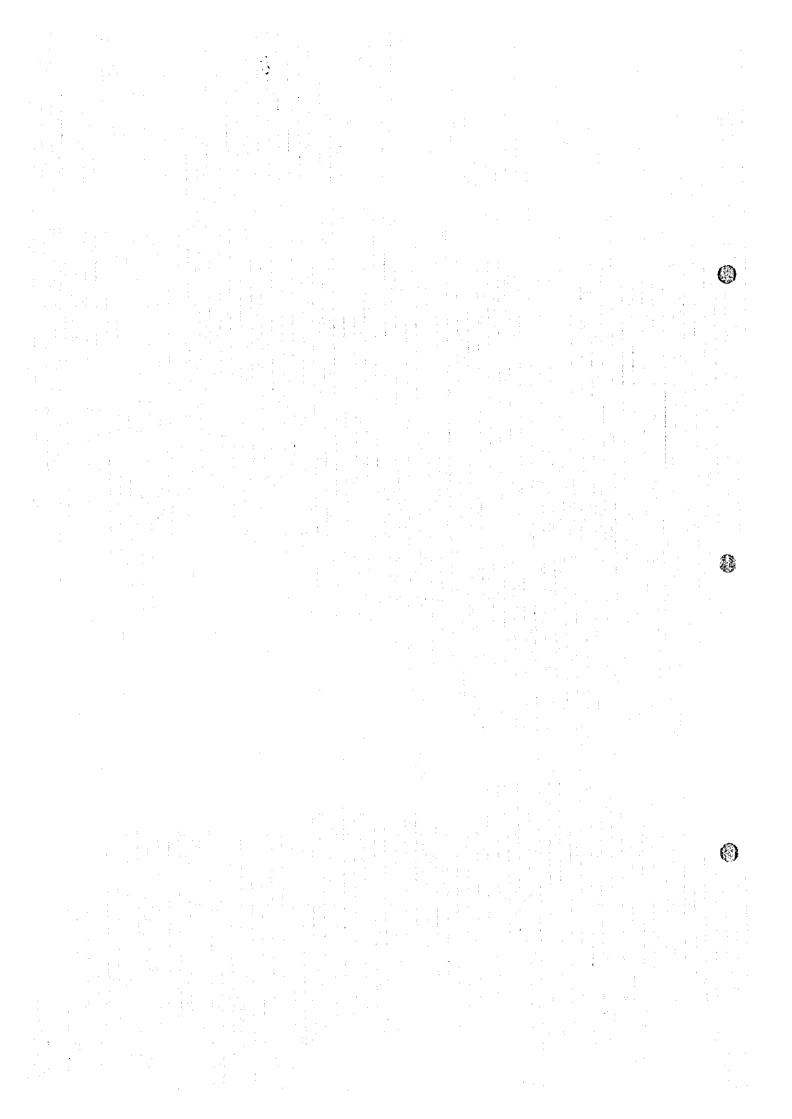
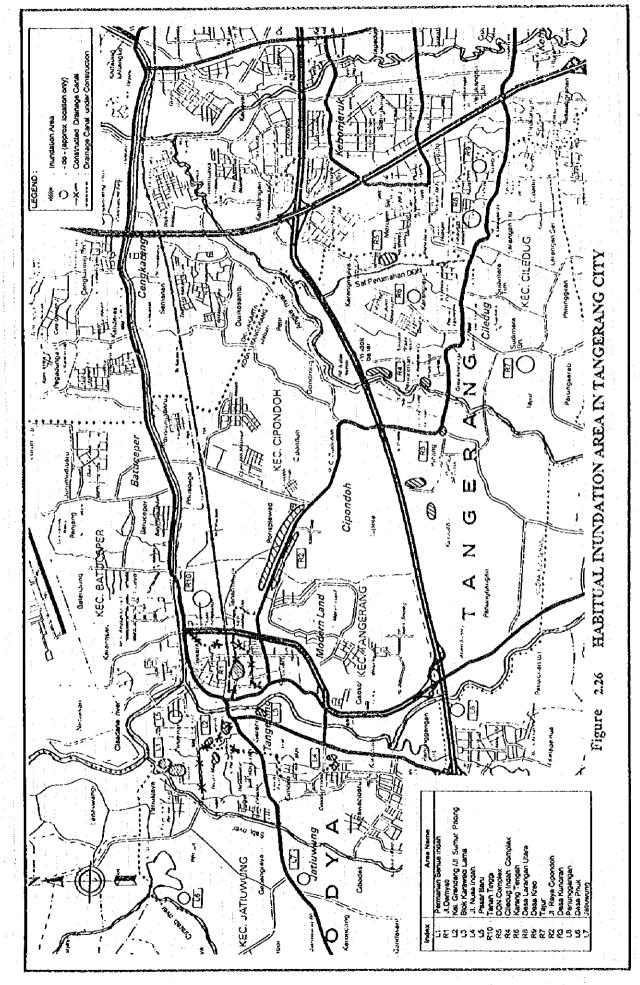


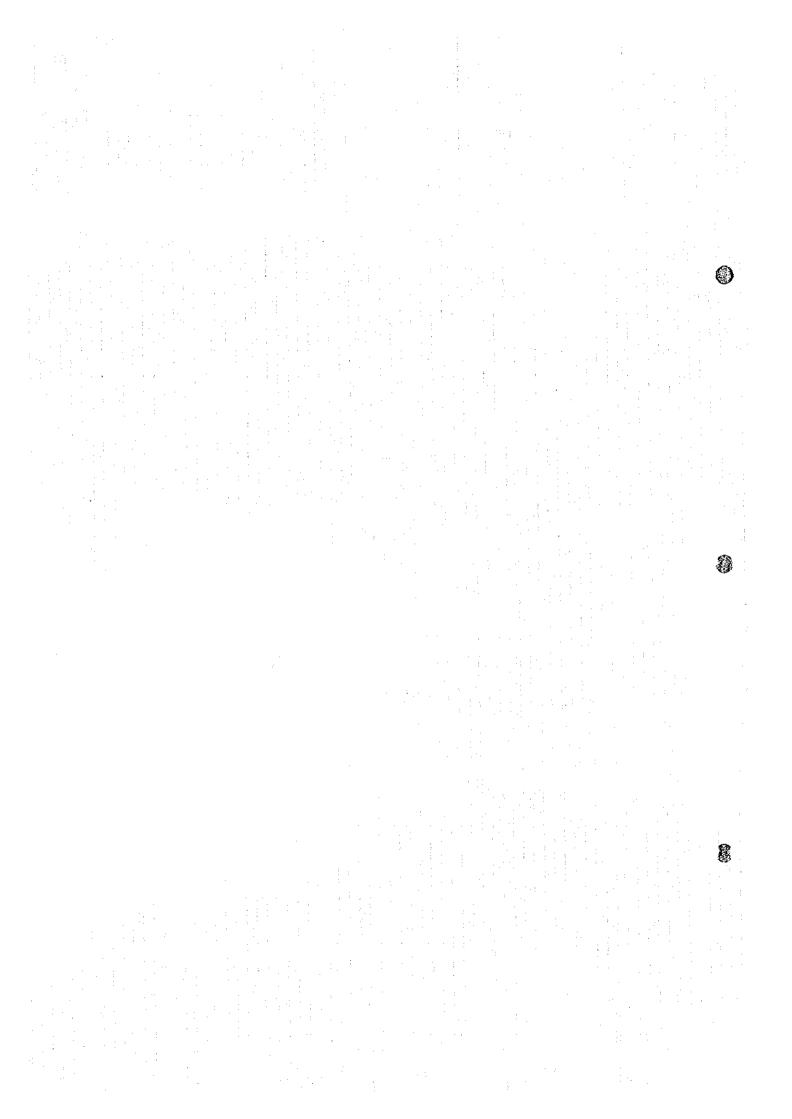
Figure 2.24 SEWERAGE DEVELOPMENT SYSTEM PROPOSED IN PREVIOUS JICA MASTER PLAN

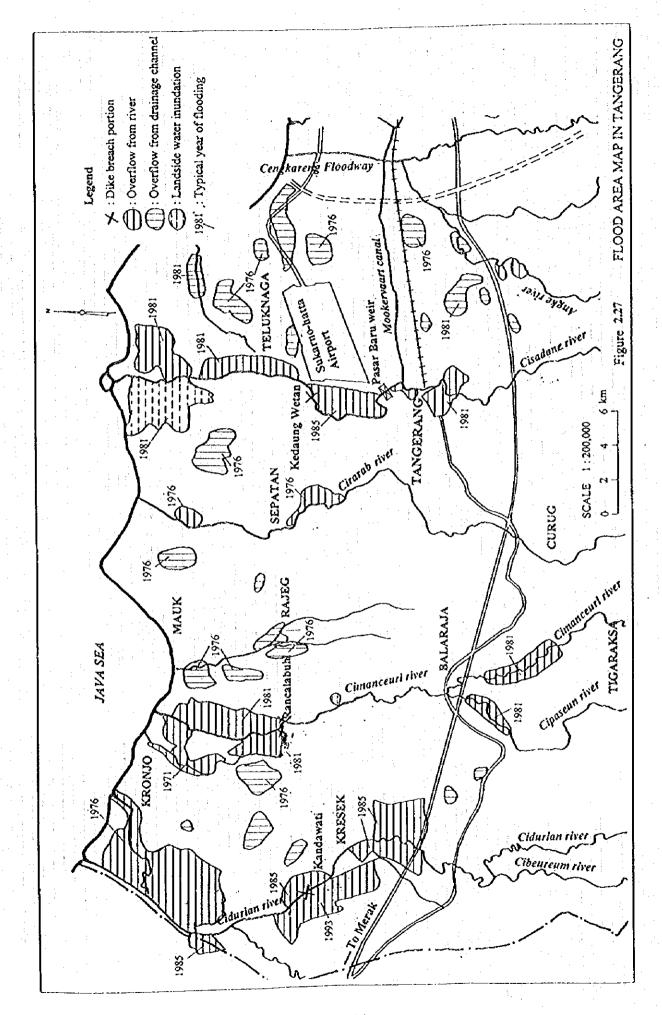


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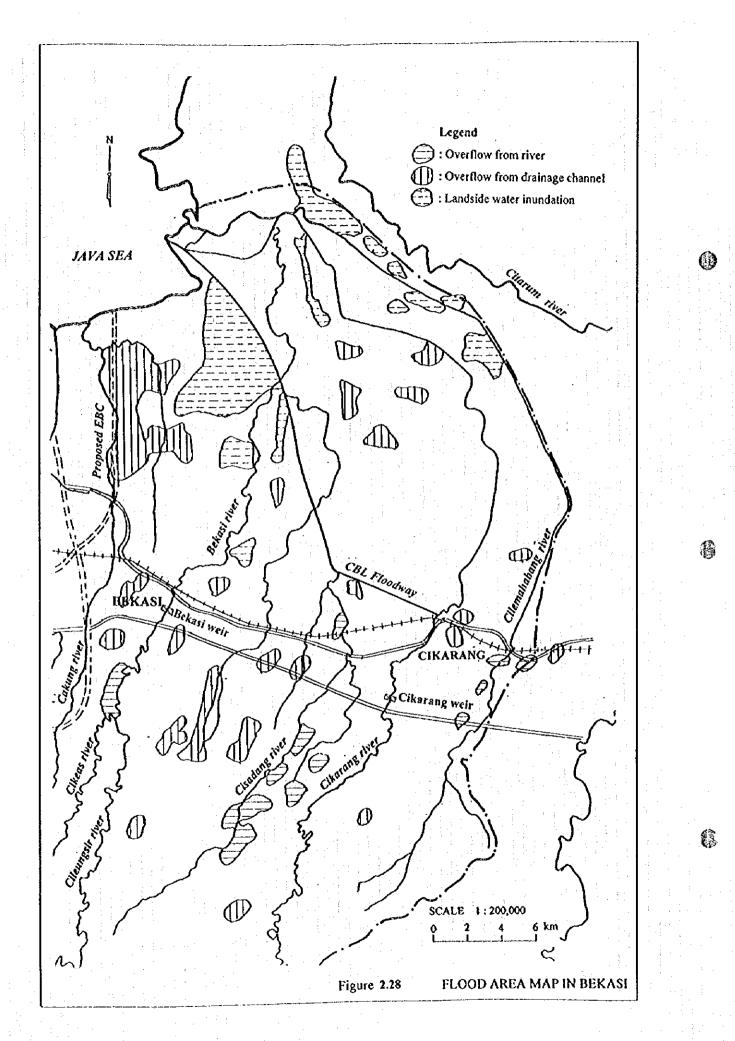


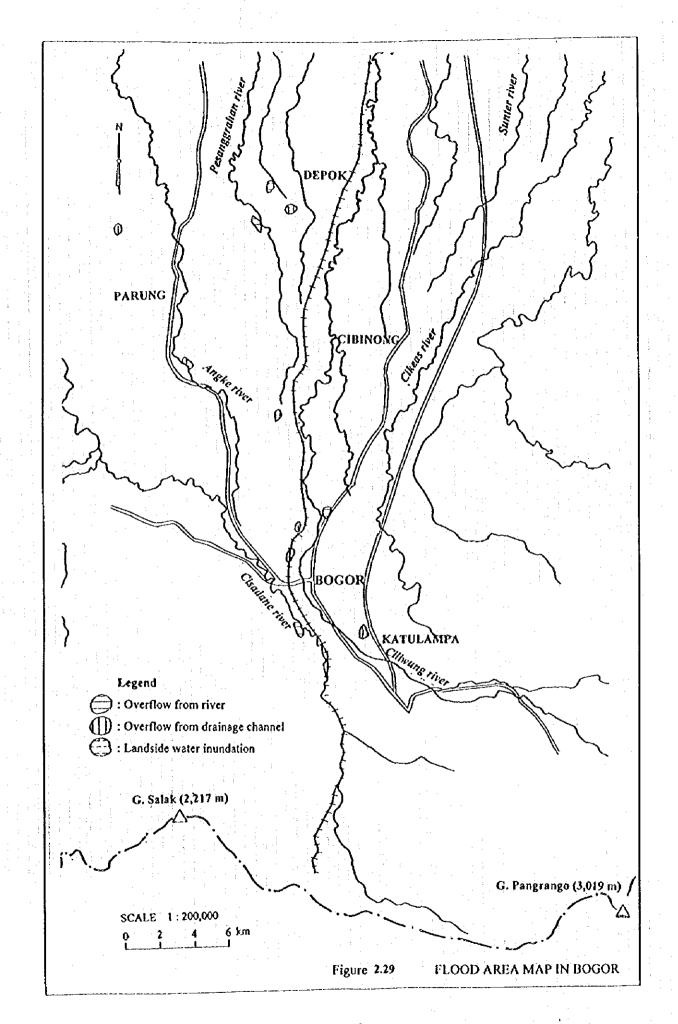


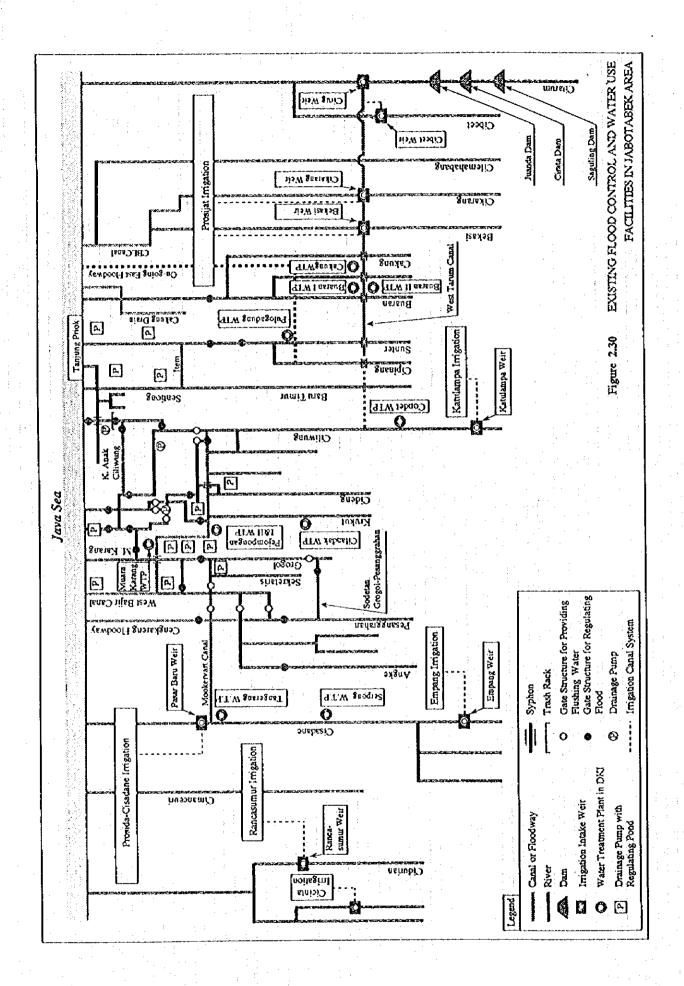


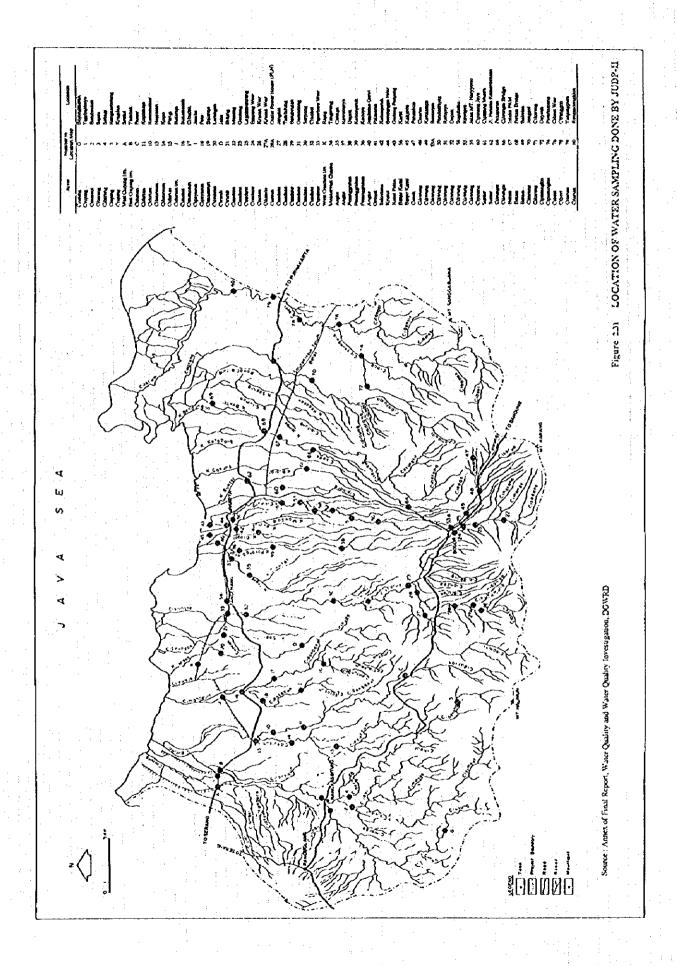
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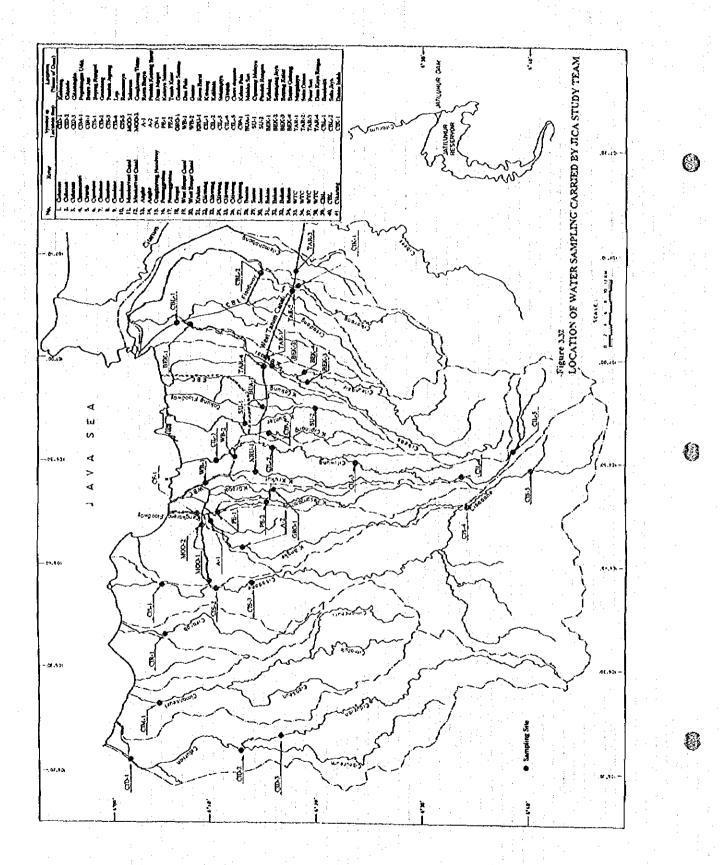
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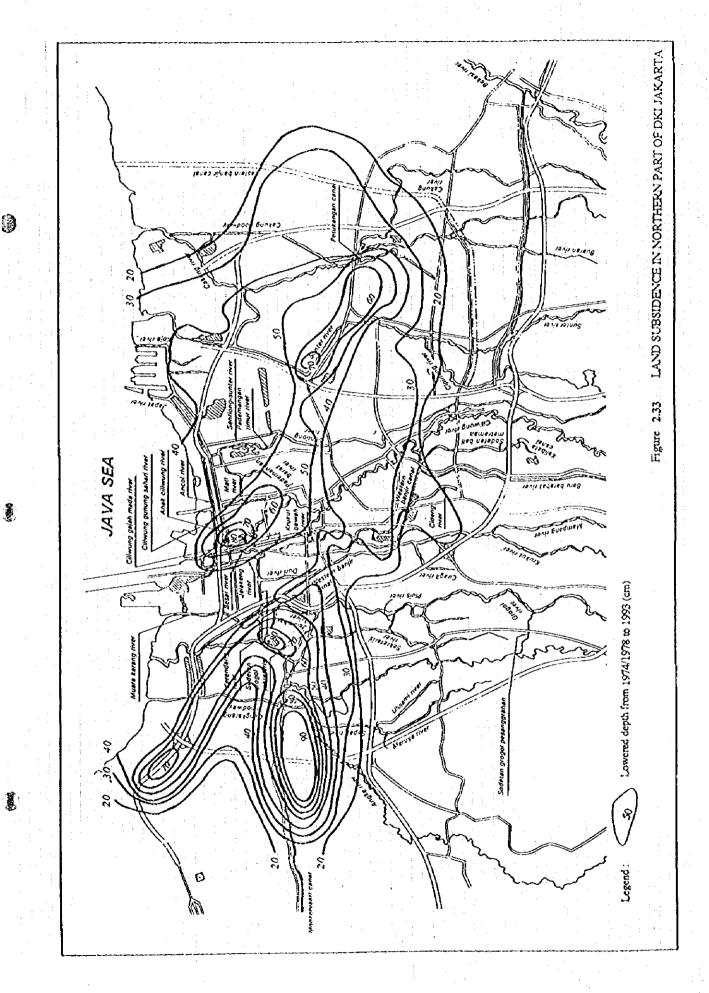


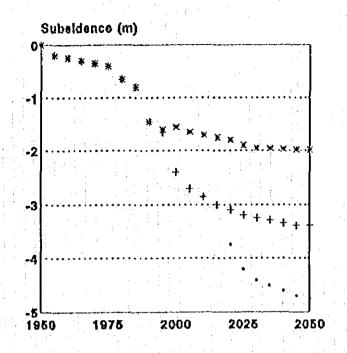












\* no control

+ control pumping 2016

\* stopped in 1995

Source: Final Report, JWRMS, February 1994

Figure 2.34 PREDICTED LAND SUBSIDENCE IN THE MOST VULNERABLE ZONES IN NORTHERN DKI JAKARTA

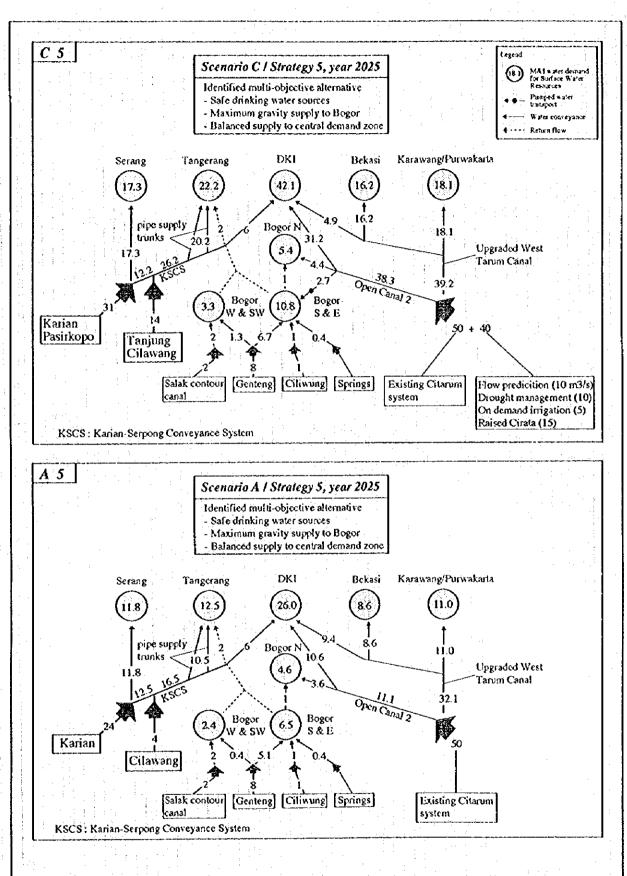
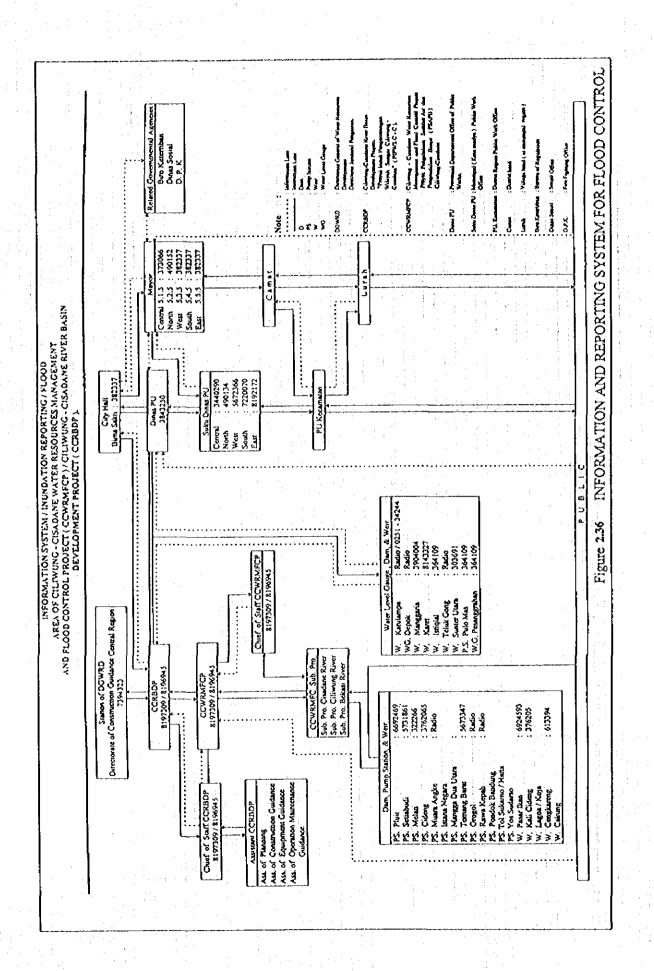


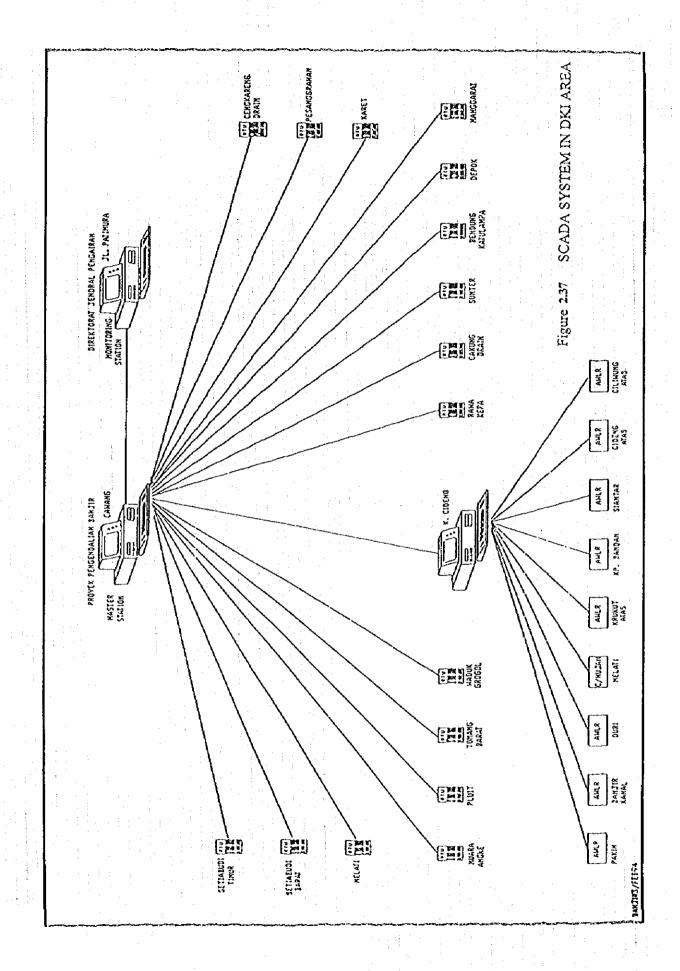
Figure 2.35 SURFACE WATER RESOURCES DEVELOPMENT STRATEGY PROPOSED BY JWRMS



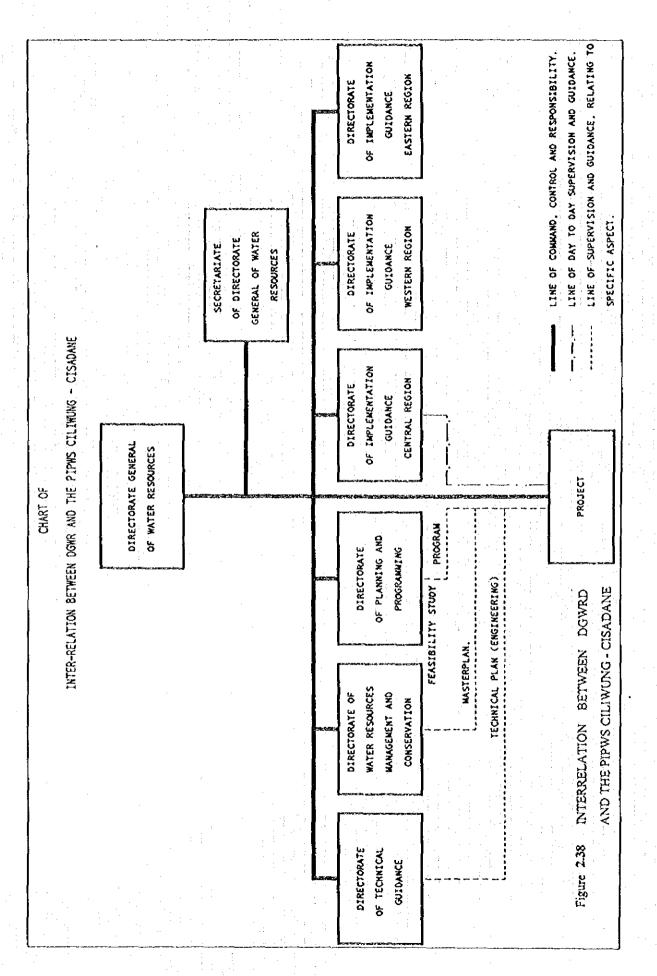
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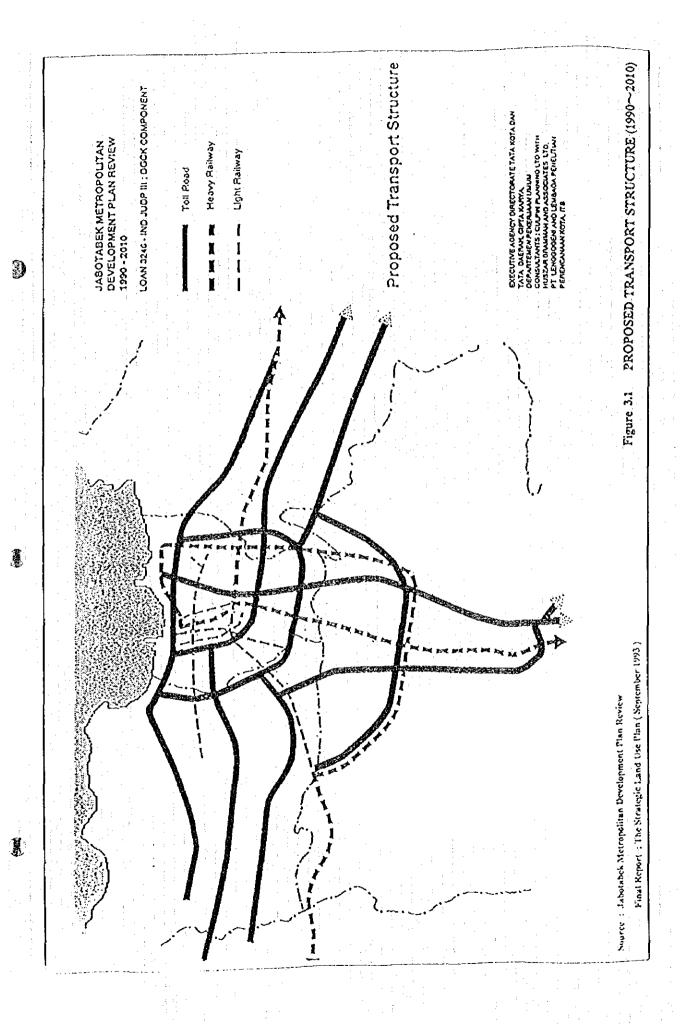
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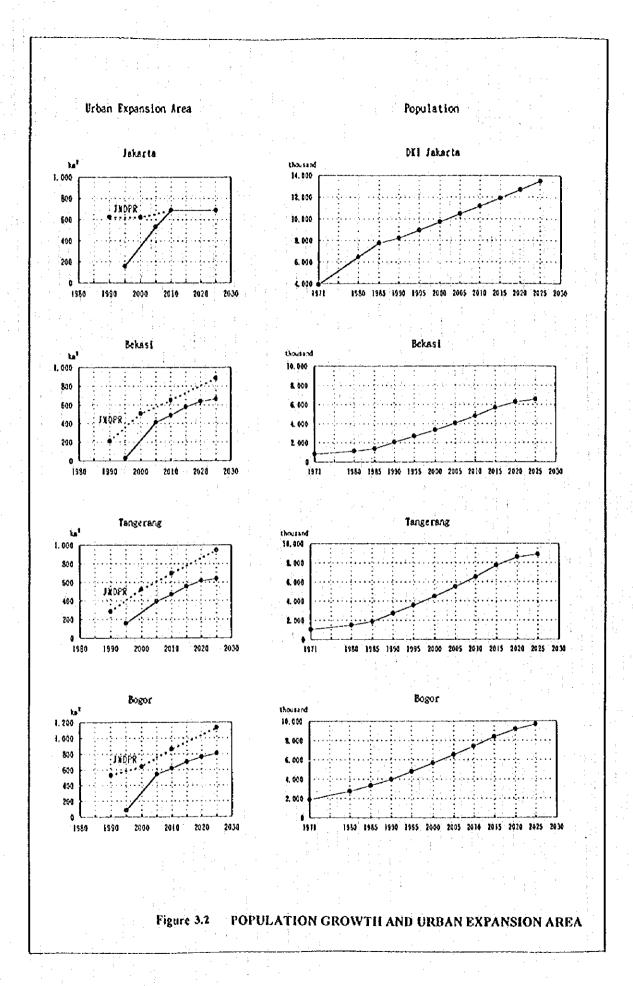
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